

administering to the subject an antigenic amount of at least one microfluidized lysate preparation of claim 4 and observing any immunogenic response to the microfluidized lysate preparation.

28. A method for determining the pattern of present and past leishmaniasis in a subject comprising administering to the subject an antigenic amount of at least one microfluidized lysate preparation of claim 4 and observing any immunogenic response to the microfluidized lysate preparation.